

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CA2004/002097

A. CLASSIFICATION OF SUBJECT MATTER

IPC7-H02K 1/06, H02K 21/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC7-H02K 1/00, H02K 21/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms used)

Databases Searched: Delphion, Pluspat; IEEE Xplore; Canadian Patent Database; USPTO
Keywords: air* gap and stator and rotor and (polyphase or multiphase)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No(s).
X	WO 0131766 (Gianni et al.) 03 May 2001 (03-05-2001) ** Entire document **	1-11,13-14
Y		12
Y	US 5,955,810 (Umeda et al.) 21 Sep. 1999 (21-09-1999) [Col 2 Lines 17-27]	12
A	US 6,495,941 (Nishimura) 17 Dec. 2002 (17-12-2002) ** Entire document **	1-14
A	US 6,512,314 (Nakanishi) 28 Jan. 2003 (28-01-2003) ** Entire document **	1-14

[] Further documents are listed in the continuation of Box C.

[X] See patent family annex.

* Special categories of cited documents :
"A" document defining the general state of the art which is not considered to be of particular relevance
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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"&" document member of the same patent family

Date of the actual completion of the international search
14 February 2005 (24-02-2005)

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Information on patent family members

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